

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CARVONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abies spectabilis</i>	Leaf	37.0	290.0	-0.22339107486768356	--
<i>Acinos suaveolens</i>	Shoot		5.0	-0.26013557630122097	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. <i>J. Ess. Oil Res.</i> 3:191-2.
<i>Agathosma betulina</i>	Leaf Essent. Oil				--
<i>Ammi visnaga</i>	Essential Oil				--
<i>Amomum compactum</i>	Seed				Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
<i>Anethum graveolens</i>	Seed	4100.0	46200.0	1.3184783989470024	--
<i>Anethum graveolens</i>	Root				--
<i>Anethum graveolens</i>	Leaf	0.1	6365.0	1.0223609522154844	--
<i>Anethum graveolens</i>	Essential Oil	273800.0	456000.0	0.9613797011049258	--
<i>Anethum graveolens</i>	Shoot Essent. Oil		145000.0	1.4134474688959218	--
<i>Anethum graveolens</i>	Leaf Essent. Oil		774300.0		--
<i>Anethum graveolens</i>	Plant				--
<i>Anethum graveolens</i>	Seed Essent. Oil	170000.0	455800.0	-0.9391038099371176	--
<i>Angelica archangelica</i>	Root	0.0	2.0	-0.7714223871650727	--
<i>Apium graveolens</i>	Essential Oil	2000.0	5000.0	-0.840408219433312	--
<i>Apium graveolens</i>	Shoot				--
<i>Apium graveolens</i>	Seed	19.0	75.0	-1.2079718747791435	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Apium graveolens</i>	Fruit Essent. Oil		550000.0	1.414109513569833	--
<i>Apium graveolens</i>	Leaf		1.0	-0.2826540108062902	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Apium graveolens</i>	Seed Essent. Oil	900.0	550000.0	-0.4461789646766616	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Artemisia salsolooides</i>	Shoot		2500.0	0.19598632912908293	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of <i>Artemisia salsolooides</i> Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
<i>Artemisia annua</i>	Shoot	3.0	120.0	-0.23911192134150755	--
<i>Artemisia dracunculus</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Boswellia sacra</i>	Essential Oil				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Plant				--
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Leaf				--
<i>Canarium indicum</i>	Plant	200.0	500.0	-0.34542635312607006	--
<i>Capsicum frutescens</i>	Fruit				--
<i>Carum carvi</i>	Fruit	9000.0	44310.0	1.99999975413892	--
<i>Carum carvi</i>	Seed Essent. Oil	595300.0	900000.0	1.38528277461378	--
<i>Carum carvi</i>	Essential Oil	264000.0	580000.0	1.456771501873754	--
<i>Carum carvi</i>	Seed	10880.0	32640.0	0.5757430989637712	--
<i>Carum carvi</i>	Plant		3120.0	0.11898806640618137	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus aurantium</i>	Plant				--
<i>Citrus reticulata</i>	Fruit	0.0	3.0	-0.5003949723462134	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus limon</i>	Essential Oil				Jim Duke's personal files.
<i>Citrus sinensis</i>	Fruit	2.0	10.0	-0.49999993853473	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Coriandrum sativum</i>	Fruit	21.0	26.0	-0.4990970041084822	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Coridotherymus capitatus</i>	Shoot		0.0	-0.2610496482559911	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon martinii</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Daucus carota</i>	Seed				--
<i>Elettaria cardamomum</i>	Fruit Essent. Oil				--
<i>Elytrigia repens</i>	Plant		25.0	-0.429623623842795	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Elytrigia repens</i>	Rhizome		27.0		--
<i>Eruca sativa</i>	Hs				--
<i>Eucalyptus melanophloia</i>	Leaf	0.0	0.8	-0.28269502321870443	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus viridis</i>	Leaf	0.0	0.5	-0.28275654183732585	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus porosa</i>	Leaf		10.0	-0.2808084522476485	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus intertexta</i>	Leaf		5.5	-0.28173123152696933	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus largisparsa	Leaf		4.6	-0.28191578738283346	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus globulus	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Eucalyptus desquamata	Leaf	0.0	15.0	-0.279783141937292	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus lansdowneana	Leaf		2.4	-0.28236692391939044	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus behriana	Leaf		15.0	-0.279783141937292	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus sparsa	Leaf		25.0	-0.27773252131657894	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus bridgesiana	Leaf		38.0	-0.275066714509652	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Volatile Constituents of the Essential Oil of <i>Eucalyptus bridgesiana</i> Growing in India. <i>Journal of Essential Oil Res.</i> 3: 449-450.
Eucalyptus fasiculosa	Leaf		4.0	-0.2820388246200763	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
Eucalyptus citriodora	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus leucoxylon	Leaf	0.0	5.5	-0.28173123152696933	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
Eucalyptus odorata	Leaf		4.4	-0.28195679979524785	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
Eucalyptus ochrophloia	Leaf		3.0	-0.2822438866821476	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
Eucalyptus cuprea	Leaf		6.4	-0.28154667567110525	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus populnea</i>	Leaf		7.0	-0.28142363843386237	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus brassiana</i>	Leaf		6.0	-0.2816287004959337	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of <i>Eucalyptus brassiana</i> S. T. Blake. Journal of Essential Oil Res. 3: 45-7.
<i>Foeniculum vulgare</i>	Seed Essent. Oil				Jim Duke's personal files.
<i>Hedeoma pulegioides</i>	Essential Oil				--
<i>Hedeoma pulegioides</i>	Plant				--
<i>Illicium verum</i>	Fruit		1.0	-0.5005078391494944	--
<i>Laurus nobilis</i>	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula latifolia</i>	Plant	12.0	5.0	-0.43316877208349924	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Levisticum officinale</i>	Root	10.0	100.0	-0.6407782732096975	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Litsea glaucescens</i>	Shoot	20.0	50.0	-0.2519089287082896	Tucker, et al, EB46(1):21-24.1992
<i>Mentha spicata</i>	Plant	495.0	20000.0	3.111093181560533	--
<i>Mentha longifolia</i>	Shoot	0.0	29560.0	5.1429437483451235	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Mentha aquatica</i>	Leaf	510.0	1785.0	0.08317670792891492	Jim Duke's personal files.
<i>Mentha x rotundifolia</i>	Leaf	260.0	5000.0	0.7424512374881553	--
<i>Mentha spicata</i>	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha arvensis var. piperascens</i>	Leaf	8100.0	26000.0	5.048754540985525	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mentha x piperita</i>	Leaf	4.0	132.0	-0.2557908806749495	USDA's Ag Handbook 8 and sequelae)
<i>Mentha pulegium</i>	Essential Oil				--
<i>Mentha arvensis var. piperascens</i>	Essential Oil				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha spicata</i>	Shoot				--
<i>Micromeria juliana</i>	Leaf		110.0	-0.26030224604051816	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria fruticosa</i>	Leaf		90.0	-0.26440348728194424	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria congesta</i>	Leaf	10.0	30.0	-0.2767072110062224	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria myrtifolia</i>	Shoot		0.3	-0.2609948039387049	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of <i>Micromeria myrtifolia</i> Boiss. et Hohen. <i>J. Ess. Oil Res.</i> , 4: 79-80.
<i>Myrtus communis</i>	Plant	8.0	12.0	-0.4319279701992528	--
<i>Nigella sativa</i>	Seed	2250.0	9600.0	-0.6862496231316305	--
<i>Nigella sativa</i>	Seed Essent. Oil				--
<i>Ocimum basilicum</i>	Shoot Essent. Oil		16000.0	-0.6664162971220318	--
<i>Ocimum basilicum</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Ononis spinosa</i>	Root				--
<i>Origanum onites</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum vulgare</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum syriacum</i>	Shoot				Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum onites	Shoot		38.0	-0.254102701399738	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Frag. J.</i> 8: 331-7.
Origanum majorana	Plant	12.0	69.0	-0.42182429771324575	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum syriacum	Shoot		20.0	-0.2573933604369105	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Origanum onites	Shoot		0.1	-0.26103136681689565	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. <i>Z. Lebensm Unters Forsch</i> 197: 20-23.
Origanum vulgare	Shoot		0.0	-0.2610496482559911	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. <i>Z. Lebensm Unters Forsch</i> 197: 20-23.
Origanum majorana	Essential Oil		27000.0	-0.7525161257485199	--
Origanum syriacum	Shoot		0.1	-0.26103136681689565	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Perilla frutescens	Shoot Essent. Oil		11000.0	-0.7470311717738904	Nguyen, X. D., La, D. M., Lu'u, D. C., Leclercq, P. A. 1995. Essential Oil Constituents from the Aerial Parts of <i>Perilla frutescens</i> (L.) Britton. <i>J. Essent. Oil Res.</i> , 7(4): 429-432.
Pimpinella anisum	Seed Essent. Oil				--
Piper nigrum	Fruit Essent. Oil		50.0	-0.7219111602348719	--
Piper nigrum	Fruit				--
Plectranthus coleoides	Shoot		55.0	-0.25099485675351946	Buchbauer, G., Jorovetz, L., Wasicky, M. and Nikiforov, A. 1993. Volatile Constituents of the Headspace and Essential Oil of <i>Plectranthus coleoides Marginatus</i> (Labiatae). <i>J. Ess. Oil Res.</i> 5: 311-313.
Polygonum hydropiper	Essential Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pycnanthemum loomisii</i>	Shoot	1.0	42.0	-0.25337144383592186	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum albescens</i>	Shoot	128.0	14310.0	2.3550242862961723	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum tenuifolium</i>	Shoot	460.0	1320.0	-0.01973465219667202	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum curvipes</i>	Shoot		42.0	-0.25337144383592186	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum setosum</i>	Shoot	120.0	186.0	-0.2270461715385416	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum clinopodioides</i>	Shoot	42.0	44.0	-0.2530058150540138	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Rosa damascena</i>	Essential Oil				--
<i>Rosmarinus officinalis</i>	Plant	16.0	760.0	-0.2993394259969154	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of <i>Rosmarinus officinalis</i> L. from Egypt. Flavour and Fragrance J. 9: 29-33.
<i>Rosmarinus officinalis</i>	Leaf		23.0	-0.27814264544072154	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of <i>Rosmarinus officinalis</i> L. from Egypt. Flavour and Fragrance J. 9: 29-33.
<i>Rosmarinus officinalis</i>	Leaf		23.0	-0.27814264544072154	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of <i>Rosmarinus officinalis</i> L. from Egypt. Flavour and Fragrance J. 9: 29-33.
<i>Salvia gilliesii</i>	Shoot		34.0	-0.2548339589635541	Velasco-Negueruela, A. et al. 1993. The Essential Oil of <i>Salvia gilliesii</i> Benth. J. Ess. Oil Res. 5: 319-320.
<i>Satureja douglasii</i>	Plant	1040.0	2340.0	-0.019272714981282923	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Satureja subspicata</i>	Plant		10.0	-0.43228248502332317	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of <i>Satureja montana</i> and <i>Satureja subspicata</i> from Yugoslavia. <i>J. Ess. Oil Res.</i> , 3: 153-158.
<i>Satureja montana</i>	Plant	1.0	95.0	-0.4172156050003303	--
<i>Satureja thymbra</i>	Shoot		150.0	-0.23362748961288665	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. <i>Z. Lebensm Unters Forsch</i> 197: 20-23.
<i>Sideritis scardica</i>	Shoot		20.0	-0.2573933604369105	Menkovic, N., et al. 1991. The Essential Oil of <i>Sideritis scardica</i> . <i>Pl. Med.</i> 57. Suppl. 2. pp. A137-A132.
<i>Syzygium aromaticum</i>	Plant				--
<i>Tagetes minuta</i>	Essential Oil		8800.0	-0.8252268577968479	--
<i>Tagetes minuta</i>	Fruit Essent. Oil		7700.0	-0.6921983533349608	--
<i>Teucrium gnaphalodes</i>	Shoot		4.0	-0.260318390692175	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium asiaticum</i>	Shoot		0.1	-0.26103136681689565	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium oxylepis</i>	Shoot		0.08	-0.2610350231047148	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium salviastrum</i>	Shoot				Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Teucrium scorodonia</i>	Shoot		0.78	-0.260907053031047	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium oxylepis</i>	Shoot		0.59	-0.2609417877653282	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium pseudoscorodonia</i>	Shoot		0.12	-0.26102771052907664	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium polium</i>	Shoot		4.0	-0.260318390692175	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Thymus capitatus</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus cilicus</i>	Shoot		7.0	-0.2597699475193129	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicus</i> Boiss. & Bal. <i>J. Ess. Oil Res.</i> 6: 97-8.
<i>Thymus funkii</i>	Shoot		8.0	-0.25958713312835885	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. <i>Flav. & Fragr. J.</i> 10(6): 379-383.
<i>Thymus vulgaris</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Thymus capitatus</i>	Shoot		21.0	-0.2572105460459565	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Fragr. J.</i> 8: 331-7.
<i>Thymus riatarum</i>	Shoot		0.1	-0.26103136681689565	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and II Idrissi, A. 1991. Analysis of the Essential Oil of <i>Thymus riatarum</i> . <i>J. Ess. Oil Res.</i> 3: 43-4.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Thymus funkii</i>	Shoot		8.0	-0.25958713312835885	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> . Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Valeriana officinalis</i>	Root	80.0	1640.0	1.4122006603747708	--